

Abstract

The present invention relates to the use of pufferfish type I collagen extract as effective ingredient in the manufacture of medicaments and health-care foods for prevention and treatment of the following diseases, wherein the main chemical components and active components of the pufferfish type I collagen extract are natural pufferfish type I collagen or denatured pufferfish type I collagen extract and partial hydrolysates thereof. The present invention further relates to processes for the production of said pufferfish type I collagen extract, immunological assay methods of said extract, and uses of said extract as effective ingredient in treatment and health-care.